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PATENT
Attorney Docket No. 231181

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Hegemann et al.

Group Art Unit: Unassigned

Application No. Unassigned
(National Phase of PCT/EP03/03799)

Examiner: Unassigned

Filed: October 8, 2004

For: USE OF BIOLOGICAL
PHOTORECEPTORS AS DIRECTLY
LIGHT-ACTIVATED ION
CHANNELS

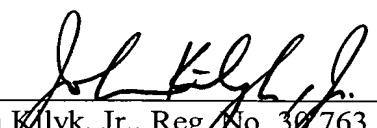
SUBMISSION OF SEQUENCE LISTING

Mail Stop PCT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

In accordance with the requirements of 37 CFR 1.821-1.825, a sequence listing is being submitted as part of the patent application. The sequence listing is in the form of both a paper copy and a computer readable copy on a computer diskette. The undersigned hereby verifies that the content of the paper copy and the computer readable copy, as concurrently being submitted, are the same.

Respectfully submitted,



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Date: October 8, 2004